ELSEVIER

Vol. 194, issues 1–2, August 2004
Complete volume
CONTENTS

HEARING RESEARCH

Cited in: Biological Abstracts (BIOSIS); Chemical Abstracts; Current Contents/Life Sciences; Current Awareness in Biological Sciences (CABS); Excerpta Medica (EMBASE); Index Medicus; INSPEC; PASCAL M; Reference Update; Full text available in ScienceDirect ® and Neuroscion

Research Papers

C.L. Runge-Samuelson, P.J. Abbas, J.T. Rubinstein, C.A. Miller and B.K. Robinson (USA)
Response of the auditory nerve to sinusoidal electrical stimulation: effects of high-rate pulse trains 1

A. Hafidi, B. Decourt and A.J. MacLennan (France, USA)
CNTFRα and CNTF expressions in the auditory brainstem: light and electron microscopy study 14

M. Pedemonte, D.G. Drexler and R.A. Velluti (Uruguay)
Cochlear microphonic changes after noise exposure and gentamicin administration during sleep and waking 25

D.A. Schwartz and D. Purves (USA)
Pitch is determined by naturally occurring periodic sounds 31

O. Gleich, M. Weiss and J. Strutz (Germany)
Age-dependent changes in the lateral superior olive of the gerbil (*Meriones unguiculatus*) 47

T. Karlidağ, İ. Kaygusuz, E. Keleş, Ş. Yalçin, S.S. Serhatlioğlu, Y. Açik and L. Öztürk (Turkey)
Hearing in workers exposed to low-dose radiation for a long period 60

E.G. Ignatova, I. Thalmann, B. Xu, D.M. Ornitz and R. Thalmann (USA)
Molecular mechanisms underlying ectopic otoconia-like particles in the endolymphatic sac of embryonic mice 65

S.A. Reyes, R.J. Salvi, R.F. Burkard, M.L. Coad, D.S. Wack, P.J. Galantowicz and A.H. Lockwood (USA)
PET imaging of the 40 Hz auditory steady state response 73

K. Frei, R. Ramsebner, G. Hamader, T. Lucas, C. Schoefer, W.-D. Baumgartner, F.J. Wachtler and K. Kirschhofer (Austria)
Lack of association between Connexin 31 (GJB3) alterations and sensorineural deafness in Austria 81

A.E. Vázquez, A.M. Jimenez, G.K. Martin, A.E. Luebke and B.L. Lonsbury-Martin (USA)
Evaluating cochlear function and the effects of noise exposure in the B6.CAST + *Ahl* mouse with distortion product otoacoustic emissions 87

Contents continued on inside back cover

CONTENTS direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: **http://contentsdirect.elsevier.com**

0378-5955(200408)194:1-2;1-T

Available online at www.sciencedirect.com
SCIENCE DIRECT®

(Contents continued from back cover)

S.M. Khanna (USA)
The response of the apical turn of cochlea modeled with a tuned amplifier with negative feedback 97

C. Candreia, G.K. Martin, B.B. Stagner and B.L. Lonsbury-Martin (Switzerland, USA)
Distortion product otoacoustic emissions show exceptional resistance to noise exposure in MOLF/Ei mice 109

K. Kluk and B.C.J. Moore (UK)
Factors affecting psychophysical tuning curves for normally hearing subjects 118

M. Drexl, J. Henke and M. Kössl (Germany)
Isoflurane increases amplitude and incidence of evoked and spontaneous otoacoustic emissions 135

Erratum

S.M. Jones, L.C. Erway, K.R. Johnson, H. Yu and T.A. Jones (USA)
Erratum to: "Gravity receptor function in mice with graded otoconial deficiencies" 143

Author Index Volume 194 145

Subject Index Volume 194 147